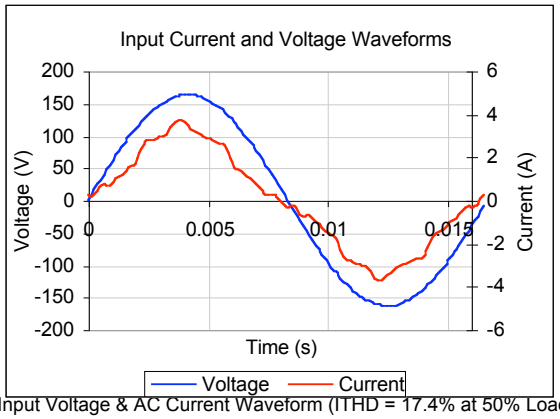
Server Power Supply Efficiency Test Report

PS Report.2.3.Ver 0.06.30.04

Serial Number	2
Specimen No.	3
Manufacturer	Delta Electronics
Model	DPS-350PB
Serial	GEQT461159
Year	N/A
Type	EPS1U
Test Date	6/30/04

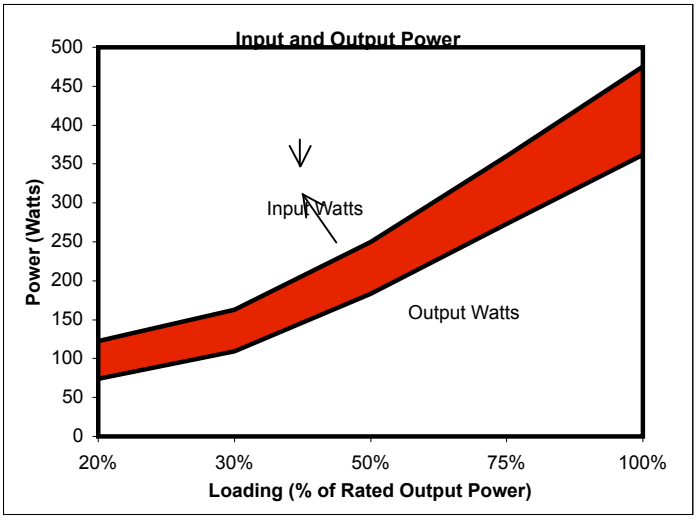
Rated Specifications	**Value**	**Units**
Input Voltage	100~127/ 200~240	Volts
Input Current	4.96/2.48	Amps
Input Frequency	50-60	Hz
Combined Max. Output Power on 5V and 3.3V	N/A	Watts
Rated Output Power	**350**	**Watts**

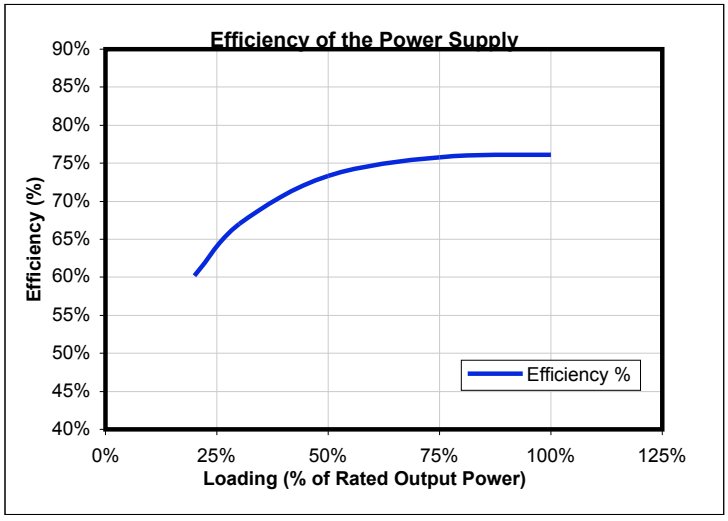
Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input Voltage & AC Current Waveform (ITHD = 17.4% at 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)						Output Watts	Efficiency %
					12V1/16.0	12V2/16.0	5.0/12.0	3.3/16.0	-12.0/0.5	5.0 SB/2.0		
1.09	0.98	14.8%	20%	122	12.5/2.10	12.5/2.10	5.36/1.60	3.68/2.10	-	5.02/1.00	74	**60.2%**
1.45	0.97	19.2%	30%	163	12.4/3.20	12.4/3.2	5.35/2.39	3.66/3.21	-	5.02/1.00	109	**67.0%**
2.21	0.98	17.4%	50%	250	12.4/5.50	12.4/5.50	5.32/4.09	3.63/5.53	-	4.99/1.00	183	**73.3%**
3.22	0.97	21.4%	75%	360	12.4/8.30	12.4/8.30	5.30/6.19	3.60/8.22	-	4.96/1.00	273	**75.8%**
4.29	0.96	23.3%	100%	475	12.3/11.1	12.3/11.1	5.25/8.28	3.56/11.1	-	4.94/1.00	362	**76.1%**





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These tests were conducted by EPRI PEAC as a part of Lawrence Berkeley National Laboratory's 10-year research initiative/ "roadmap" for Energy Efficient Data Centers. This testing effort was sponsored by PIER (Public Interest Energy Research) program of the California Energy Commission.